

Title (en)

CHARGE-MODIFIED HYDROPHOBIC MEMBRANE MATERIALS AND METHOD FOR MAKING THE SAME

Publication

EP 0347755 A3 19920408 (EN)

Application

EP 89110894 A 19890615

Priority

US 20930788 A 19880621

Abstract (en)

[origin: EP0347755A2] A hydrophobic material having a crosslinked, cationic charge-modifying coating such that the majority of the ion exchange capacity of the material is provided by fixed formal positive charge groups is disclosed. The material is produced by contacting a hydrophobic substrate with a mildly alkaline, aqueous organic solvent solution into which has been dissolved a cationic charge-modifying agent. The charge-modifying agent comprises a water soluble, organic polymer having a molecular weight of greater than about 1000, wherein the polymer chain contains both fixed formal positive charge groups and halohydrin groups. Materials of the type described herein can be used in a variety of applications including macromolecular blotting and filtration.

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B01D 13/04

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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